

ABSTRACT OF THE INVENTION

A novel neurotrophic factor referred to as glial
derived neurotrophic factor (GDNF) has been identified
5 and isolated from serum free growth conditioned medium
of B49 glioblastoma cells. Rat and human genes
encoding GDNF have been cloned and sequenced. A gene
encoding GDNF has been subcloned into a vector, and
the vector has been used to transform a host cell in
10 order to produce biologically active GDNF in a
recombinant DNA process.

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